

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 2867-070A

First Inventor Epperson et al.

Title POWER AMPLIFIER CONTROL

Express Mail Label No. EV086423468US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 22]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages 1]  
a. ☐ Newly executed (original or copy)  
b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☒ 37 C.F.R. §3.73(b) Statement ☒ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 09 / 878,461

Prior application information: Examiner Appiah, Charles Nana

Group / Art Unit: 2682

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

27820

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Benjamin S. Withrow

Registration No. (Attorney/Agent)

40,876

Signature

Date

July 16, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any  
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark  
Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application,  
Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

17354 U.S. PTO

10/620816



07/16/03

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Complete if Known

TOTAL AMOUNT OF PAYMENT (\$) 1672

Application Number  
Filing Date July 16, 2003  
First Named Inventor Epperson et al.  
Examiner Name  
Group / Art Unit  
Attorney Docket No. 2867-070A

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:
- Deposit Account Number 50-1732
- Deposit Account Name Withrow & Terranova, PLLC
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:
- ☐ Check ☒ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description        | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------|
| 1001                  | 750                   | 2001                  | 375                   | Utility filing fee     | 750      |
| 1002                  | 330                   | 2002                  | 165                   | Design filing fee      |          |
| 1003                  | 520                   | 2003                  | 260                   | Plant filing fee       |          |
| 1004                  | 750                   | 2004                  | 375                   | Reissue filing fee     |          |
| 1005                  | 160                   | 2005                  | 80                    | Provisional filing fee |          |
| SUBTOTAL (1)          |                       |                       |                       |                        | (\$ 750) |

### 2. EXTRA CLAIM FEES

|                    |    |       |   |   |              |   |    |   |     |                |          |
|--------------------|----|-------|---|---|--------------|---|----|---|-----|----------------|----------|
| Total Claims       | 27 | -20** | = | 7 | Extra Claims | X | 18 | = | 126 | Fee from below | Fee Paid |
| Independent Claims | 12 | -3**  | = | 9 |              | X | 84 | = | 756 |                |          |
| Multiple Dependent |    |       |   |   |              | X |    | = | 0   |                |          |

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|--|----------|
| 1202                  | 18                    | 2202                  | 9                     | Claims in excess of 20                                     |          |
| 1201                  | 84                    | 2201                  | 42                    | Independent claims in excess of 3                          |          |
| 1203                  | 280                   | 2203                  | 140                   | Multiple dependent claim, if not paid                      |          |
| 1204                  | 84                    | 2204                  | 42                    | ** Reissue independent claims over original patent         |          |
| 1205                  | 18                    | 2205                  | 9                     | ** Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2) (\$ 882)

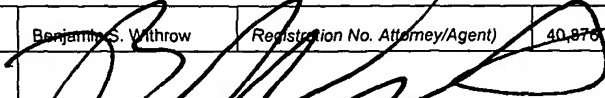
\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

| Large Entity Fee Code             | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|-----------------------------------|-----------------------|-----------------------|-----------------------|--|----------|
| 1051                              | 130                   | 2051                  | 65                    | Surcharge - late filing fee or oath  |          |
| 1052                              | 50                    | 2052                  | 25                    | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053                              | 130                   | 1053                  | 130                   | Non-English specification  |          |
| 1812                              | 2,520                 | 1812                  | 2,520                 | For filing a request for reexamination                                     |          |
| 1804                              | 920*                  | 1804                  | 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 1805                              | 1,840*                | 1805                  | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 1251                              | 110                   | 2251                  | 55                    | Extension for reply within first month                                     |          |
| 1252                              | 410                   | 2252                  | 205                   | Extension for reply within second month                                    |          |
| 1253                              | 930                   | 2253                  | 465                   | Extension for reply within third month                                     |          |
| 1254                              | 1,450                 | 2254                  | 725                   | Extension for reply within fourth month                                    |          |
| 1255                              | 1,970                 | 2255                  | 985                   | Extension for reply within fifth month                                     |          |
| 1401                              | 320                   | 2401                  | 160                   | Notice of Appeal   |          |
| 1402                              | 320                   | 2402                  | 160                   | Filing a brief in support of an appeal                                     |          |
| 1403                              | 280                   | 2403                  | 140                   | Request for oral hearing   |          |
| 1451                              | 1,510                 | 1451                  | 1,510                 | Petition to institute a public use proceeding                              |          |
| 1452                              | 110                   | 2452                  | 55                    | Petition to revive - unavoidable   |          |
| 1453                              | 1,300                 | 2453                  | 650                   | Petition to revive - unintentional   |          |
| 1501                              | 1,300                 | 2501                  | 650                   | Utility issue fee (or reissue)   |          |
| 1502                              | 470                   | 2502                  | 235                   | Design issue fee   |          |
| 1503                              | 630                   | 2503                  | 315                   | Plant issue fee  |          |
| 1460                              | 130                   | 1460                  | 130                   | Petitions to the Commissioner  |          |
| 1807                              | 50                    | 1807                  | 50                    | Processing fee for provisional applications                                |          |
| 1806                              | 180                   | 1806                  | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 8021                              | 40                    | 8021                  | 40                    | Recording each patent assignment per property (times number of properties) | 40       |
| 1809                              | 750                   | 2809                  | 375                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810                              | 750                   | 2810                  | 375                   | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801                              | 750                   | 2801                  | 375                   | Request for Continued Examination (RCE)                                    |          |
| 1802                              | 900                   | 1802                  | 900                   | Request for expedited examination of a design application                  |          |
| Other fee (specify) _____         |                       |                       |                       |  |          |
| *Reduced by Basic Filing Fee Paid |                       |                       |                       |  |          |
| SUBTOTAL (3)                      |                       |                       |                       |  | (\$ 40)  |

## SUBMITTED BY

Complete (if applicable)

|                   |   |                                  |        |           |               |
|-------------------|---|----------------------------------|--------|-----------|---------------|
| Name (Print/Type) | Benjamin S. Withrow   | Registration No. Attorney/Agent) | 40,876 | Telephone | 919-654-4520  |
| Signature         |  |                                  |        | Date      | July 16, 2003 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, USPTO, PO Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

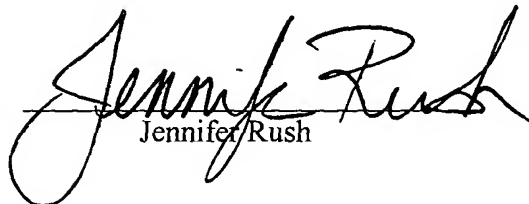
CERTIFICATE OF MAILING/EXPRESS MAIL

"Express Mail" Mailing Label Number EV086423468US

Date of Deposit July 16, 2003

I hereby certify that this paper, which is a Continuation of U.S. Application Serial Number 09/878,461 entitled **POWER AMPLIFIER CONTROL** (our file 2867-070A), and the attached fee are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop Patent Application, PO Box 1450, Alexandria, VA 22313-1450.

Mailed By:

  
Jennifer Rush

EV086423468US